Borehole <u>27-161-3</u>

og of Borehole

2"   Hole   Depth   18 feet   Depth   0845   1105	Project						Hole De	pth28	SIANI	FINISH		
Depth to Water	Location Site #27 395A										7 <u>6/22/8</u> 7	
										Time _084.5	1105	
							Rig CHE 55 ATV How Left _				Locked	
Neather   Clear/Mark							Bit(s) Finger-tooth Auger Bit above-gro				und	
Penel   Rate   Blow   Somple   Geologic and Hydrologic Description   Recovery												
Relear   OVA   OVA   Color   Hole												
Slow   Symbol   Recovery	Depth	Rate/		OVA/	<del>                                     </del>		l e Cons					
3'-4'; Silty sand (90% sand), coarse grained, well sorted, quarts, subangular, sedium dense, suciety well sorted, quarts, subangular, sedium dense, suciety, subangular, sedium dense, subangular, subangular, sedium dense, subangular, subangular, subangular, sedium dense, subangular, subangular, sedium dense, subangular, subangular, sedium dense, subangular, sedium dense, subangular, subangular, sedium dense, subangular, subangular, sedium dense, subangular, sedium dense, subangular, sedium dense, subangular, subangular, subangular, sedium dense, subangular, sediu			Sauthie.	HOIE	#							
5 24.5 0.0 0.0 5.5 3 3 -44; Silty sand (90s sand), coarse grained, well sorted, quartz, subangular, loose, alightly moist, pasting dense, moiet, light brown.  8'-9': Silty sand (90s sand), sadius to coarse grain, moderately well sorted, quartz, subangular, sedius dense, moiet, light brown.  15 3.6,15 0.7 5501 13-144  15 3.6,15 0.7 5501 13-144  11'-14': Clayer sand, ctiff, plastic clay alternating with coarse sand and sandy clay, slightly moiet, plastic clay alternating with coarse sand and sandy clay, grayish brown. (SC)  14'-14': Silty sand (85s sand), sorted, quartz, subcounded, loose, alightly moist, reddish hrown. (SN)  16'-14': Silty sand (85s sand), sorted, quartz, subcounded, loose, alightly moist, reddish hrown. (SN)  18'-19': Weathered diatomite, weathered to a clay-like material, alternating with well indurated diatomite, slight fissile, brownish gray, minor Feox staining. (RX)  23'-24': Distomite, well indurated, fissile, Foox staining in fractures, some greenish colored staining, brownish.	-0-						<b>********</b>					
5 24.5 0.0 0.0 5.5 3 3 -44; Silty sand (90s sand), coarse grained, well sorted, quartz, subangular, loose, alightly moist, pasting dense, moiet, light brown.  8'-9': Silty sand (90s sand), sadius to coarse grain, moderately well sorted, quartz, subangular, sedius dense, moiet, light brown.  15 3.6,15 0.7 5501 13-144  15 3.6,15 0.7 5501 13-144  11'-14': Clayer sand, ctiff, plastic clay alternating with coarse sand and sandy clay, slightly moiet, plastic clay alternating with coarse sand and sandy clay, grayish brown. (SC)  14'-14': Silty sand (85s sand), sorted, quartz, subcounded, loose, alightly moist, reddish hrown. (SN)  16'-14': Silty sand (85s sand), sorted, quartz, subcounded, loose, alightly moist, reddish hrown. (SN)  18'-19': Weathered diatomite, weathered to a clay-like material, alternating with well indurated diatomite, slight fissile, brownish gray, minor Feox staining. (RX)  23'-24': Distomite, well indurated, fissile, Foox staining in fractures, some greenish colored staining, brownish.												
5 2.4, 8 0.0 0.0 0.0 3.3 31-44; Silty sand (90s sand), coarse grained, well sorted, quartz, subangular, loose, alightly moist, pasting dense, and the coarse grain, moderately well sorted, quartz, subangular, medium dense, and the property of the coarse grain, moderately well sorted, quartz, subangular, medium dense, and the property of the coarse grain, moderately well sorted, quartz, subangular, medium dense, and the property of the coarse grain, moderately well sorted, quartz, subangular, medium dense, and the property of the coarse grain, moderately well sorted, quartz, subangular, medium dense, and the property of the coarse grain, moderately well sorted, quartz, subangular, medium dense, and the property of the coarse grain dense dense, and the coarse grain dense dense, and the coarse grain dense dense, and the coarse grain dense dense, alightly moist, reddish hrown. (SC)  13'-14': Claysy sand, stiff, plastic clay alternating with coarse grained, well coarse grained, well coarse grained, well coarse grained, well on coarse grained distonite, weathered to a clay-like material, alternating with well indurated distonite, brownish gray, minor Fox staining in fractures, some greenish colored staining, brownish. (RX)												
5 2.4, 8 0.0 0.0 0.0 3.3 31-44; Silty sand (90s sand), coarse grained, well sorted, quartz, subangular, loose, alightly moist, pasting dense, and the coarse grain, moderately well sorted, quartz, subangular, medium dense, and the property of the coarse grain, moderately well sorted, quartz, subangular, medium dense, and the property of the coarse grain, moderately well sorted, quartz, subangular, medium dense, and the property of the coarse grain, moderately well sorted, quartz, subangular, medium dense, and the property of the coarse grain, moderately well sorted, quartz, subangular, medium dense, and the property of the coarse grain, moderately well sorted, quartz, subangular, medium dense, and the property of the coarse grain dense dense, and the coarse grain dense dense, and the coarse grain dense dense, and the coarse grain dense dense, alightly moist, reddish hrown. (SC)  13'-14': Claysy sand, stiff, plastic clay alternating with coarse grained, well coarse grained, well coarse grained, well coarse grained, well on coarse grained distonite, weathered to a clay-like material, alternating with well indurated distonite, brownish gray, minor Fox staining in fractures, some greenish colored staining, brownish. (RX)						9-41				_	801	
	_ 5_	2,4,6	0.0	0.0		3~67		31-451:				
		<u> </u>	<del> </del>	<del> </del>	<u> </u>				quartz, subang	ular, loose,		
10   4,5,7   3.0   0.1   5500   8-9\    8'-9';   Silty sand (90\) sand),   80\    80\    8'-9';   sand (90\) sand),   80\    8'-9';   sand;   9'-9\    1   1   1   1   1   1   1   1   1		<del>                                     </del>	<b> </b>	}	<del>                                     </del>				distomite frag			
nedium to coarse grain, moderately well sorted, quartz, sub-sngular, medium dense, moist, light brown. (SP/SM)  15 3,6,15 0.7 5501 13-144  13'-14': Sandy clay (800 clay), stiff, slightly moist, plastic clay alternating with coarse and and sandy clay, slightly moist to moist, grayish brown. (SC)  14'-14': Sily sand (85% sand), coarse grained, well sorted, quartz, subrounded, loose, alightly moist, reddish brown. (SM)  25 \$\frac{1}{10},17 0.1 23-24'  18'-19\frac{1}{1}: Meathered distomite, wea- thered to a clay-like material, alternating with well indurated distomite, slight fissile, brownish gray, minor FeOx staining. (NX)  23'-24\frac{1}{1}: Distomite, well indurated, fissile, FeOx staining in fractures, some greenish colored staining, brownish. (RX)		<u> </u>			5499				SA)			
moderately well sorted, quartx, sub-angular, sedium dense, soist, light brown.    15	<u> </u>	4,5,7	3.0	0.1	5500	8-94		8'-9':	_		801	
quartx, sub-angular, medium dense, moist, light brown. (SE/No)   9'-9\frac{1}{2}   Sandy clay (80% clay), stiff, slightly moist, plastic clay alternating with coarse sand and sandy clay, slightly moist to moist, grayis brown. (SC)   14'-14\frac{1}{2}   Silty sand (85% sand), coarse grained, well sorted, quartx, subrounded, loose, alightly moist, reddish brown. (SM)   18'-19\frac{1}{2}   Weathered distomite, weathered to a clay-like material, alternating with well indurated distomite, slight fissile, brownish gray, minor FeOx staining. (EX)   23'-24\frac{1}{2}   Distomite, well indurated, fissile, FeOx staining in fractures, some greenish colored staining, brownish. (RX)								1	moderately we	all sorted,	<u></u>	
15   3,6,15   0.7   5501   13-144		· · ·	ļ	-	<del> </del>	<b></b>		1	quartz, sub-an	gular, medium		
tic, reddish brown. (CH)  13'-14': Clayer sand, stiff, plastic clay alternating with coarse sand and sandy clay, slightly moist to moist, grayish brown. (SC)  70s  14'-14': Silty sand (85's sand), coarse grained, well sorted, quarts, subrounded, loose, slightly moist, reddish brown. (SM)  25 \$\frac{5}{0},17\$ 0.1 23-24' 18'-19': Meathered distomite, weathered to a clay-like material, alternating with well indurated distomite, slight fissile, brownish gray, minor FeOx staining. (RX)  23'-24': Distomite, well indurated, fissile, Pox staining in fractures, some greenish colored staining, brownish. (RX)		-		-		<del> </del>		M .				
tic, reddish brown. (CH)  13'-14': Clayer sand, stiff, plastic clay alternating with coarse sand and sandy clay, slightly moist to moist, grayish brown. (SC)  70s  14'-14': Silty sand (85's sand), coarse grained, well sorted, quarts, subrounded, loose, slightly moist, reddish brown. (SM)  25 \$\frac{5}{0},17\$ 0.1 23-24' 18'-19': Meathered distomite, weathered to a clay-like material, alternating with well indurated distomite, slight fissile, brownish gray, minor FeOx staining. (RX)  23'-24': Distomite, well indurated, fissile, Pox staining in fractures, some greenish colored staining, brownish. (RX)		3.6.15	0.7	-	5501	13-144	HHH	9'-95':			80%	
13'-14': Clayer sand, stiff, plastic clay alternating with coarse sand and sandy clay, slightly moist to moist, grayish brown. (SC)  14'-14h': Silty sand (85% sand), coarse grained, well sorted, quarts, subrounded, loose, alightly moist, reddish brown. (SM)  25 \$\frac{5}{0},17\$ 0.1 23-24\\  28'-19h': Meathered distomite, weathered to a clay-like material, alternating with well indurated distomite, slight fissile, brownish gray, minor FeOx staining. (RX)  23'-24h': Distomite, well indurated, fissile, FeOx staining in fractures, some greenish colored staining, brownish. (RX)	- <sup>15</sup>	1	T		<del>                                     </del>			II .	stiff, slightly tic, reddish br	moist, plas- own. (CH)		
clay alternating with coarse sand and sandy clay, slightly moist to moist, grayish brown. (SC)  14'-14½': Silty sand (85% sand), coarse grained, well sorted, quartz, subrounded, loose, slightly moist, reddish brown. (SM)  25 10,17 0.1 23-24½  18'-19½': Weathered distomite, weathered to a clay-like material, alternating with well indurated distomite, slight fissile, brownish gray, minor FeOx staining. (RX)  23'-24½: Distomite, well indurated, fissile, FeOx staining in fractures, some greenish colored staining, brownish. (RX)							Paris III	13'-14';				
slightly moist to moist, grayish brown. (SC)  14'-14h': Silty sand (SSA sand), coarse grained, well sorted, quarts, subrounded, loose, slightly moist, reddish brown. (SM)  25									clay alternatin	g with coarse		
14'-14\frac{1}{1}': Silty sand (85\hat{8} sand), coarse grained, well sorted, quartz, subrounded, loose, alightly moist, reddish brown. (SM)  25 \( \frac{1}{2}\) 0.1 \( \frac{23-24\hat{1}}{2}\) 18'-19\hat{1}': Weathered distomite, weathered to a clay-like material, alternating with well indurated distomite, slight fissile, brownish gray, minor FeOx staining. (RX)  23'-24\hat{1}': Distomite, well indurated, fissile, FeOx staining in fractures, some greenish colored staining, krownish. (RX)		15.				45 :::			slightly moist	to maist,	704	
coarse grained, well sorted, quartz, subrounded, loose, slightly moist, reddish hrown. (SM)  23-24   18'-19'; Weathered distomite, weathered to a clay-like material, alternating with well indurated distomite, slight fissile, brownish gray, minor FeOx staining. (RX)  30   9.5   23'-24'; Distomite, well indurated, fissile, FeOx staining in fractures, some greenish colored staining, brownish. (RX)	<b>├</b> 20 <b>-</b>	10, 15	0.2		5502	18-19		L		•		
quartz, subrounded, loose, slightly moist, reddish brown. (SH)  23-24   18'-19'; Weathered distomite, weathered to a clay-like material, alternating with well indurated distomite, slight fissile, brownish gray, minor FeOx staining. (RX)  23'-24'; Distomite, well indurated, fissile, FeOx staining in fractures, some greenish colored staining, brownish. (RX)		<b> </b>	<del>                                     </del>	<del> </del>	1			14'-145':	Silty sand	(85% sand), well sorted		
brown. (SM)  23-244  18'-194': Weathered distomite, weathered to a clay-like material, alternating with well indurated distomite, slight fissile, brownish gray, minor FeOx staining.  (RX)  23'-244': Distomite, well indurated, fissile, PeOx staining in fractures, some greenish colored staining, knownish.  (RX)		1							quartz, subrou	nded, loose,		
thered to a clay-like material, alternating with well indurated diatomite, slight fissile, brownish gray, minor FeOx staining.  (RX)  23'-24h': Diatomite, well indurated, fissile, FeOx staining in fractures, some greenish colored staining, brownish.  (RX)									• •	, redalsh		
thered to a clay-like material, alternating with well indurated distomite, slight fissile, brownish gray, minor FeOx staining.  (RX)  23'-24\frac{1}{2}': Distomite, well indurated, fissile, FeOx staining in fractures, some greenish colored staining, brownish.  (RX)	25	10, 17	0.1			23-24		18'-195':	Weathered dist	comite, wea-		
well indurated diatomite, slight fissile, brownish gray, minor FeOx staining.  (RX)  23'-24' Distomite, well indurated, fissile, FeOx staining in fractures, some greenish colored staining, brownish.  (RX)	<u> </u>	-		-	<del> </del>				thered to	clay-like	•	
gray, minor FeOx staining.  (RX)  9.5  23'-24's: Distomite, well indurated, fissile, FeOx staining in fractures, some greenish colored staining, brownish.  (RX)	<b></b>	├	<del> </del>		<del> </del>				well indurated	diatomite,	<del> </del>	
9.5  23'-24½': Distomite, well indurated, fissile, FeOx staining in fractures, some greenish colored staining, brownish.  (RX)	<del></del>	1	<del> </del>	<del> </del>	<del>                                     </del>	<del> </del>		1	gray, minor Fe			
23'-24%': Distomite, well indurated, fissile, PeOx staining in fractures, some greenish colored staining, brownish.  (PX)	-	<del> </del>	9.5	<del> </del>	<del> </del>	<del>                                     </del>	1			•	<del> </del>	
fractures, some greenish colored staining, brownish. (RX)	[_30 -		1				]	23'-245':				
(RX)							]	1	fractures, so	me greenish		
							1			ng, brownish.		
	<b></b>	ļ <u> </u>	-		ļ	ļ	4		- ·•		<u></u>	
OVA background 1.5ppm	L OVA	ba ckere	und 1 5-	<u> </u>	<u> </u>	1	<u> </u>	<u> </u>	· - · · · · · · · · · · · · · · · · · ·		<del></del>	